



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

### DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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#### 79) Weather based Agromet Advisory committee meeting dated 01.12.2023

**District: Dhule**

| Last Week Weather Summary<br>(24.11.2023 to 30.11.2023) |      |      |      |      |    |    | Weather<br>Parameters | Weather Forecast<br>(02.12.2023 to 06.12.2023) |    |    |    |    |
|---|------|------|------|------|----|----|-----------------------|--|----|----|----|----|
| 24  | 25   | 26   | 27   | 28   | 29 | 30 | Date                  | 02   | 03 | 04 | 05 | 06 |
| 0   | 0    | 0    | 8.4  | 10.4 |    |    | Rainfall (mm)         | 7  | 10 | 1  | 0  | 0  |
| 32.5  | 31.5 | 32   | 27   | 22.5 |    |    | Max. Temp. (0C)       | 30   | 29 | 29 | 28 | 27 |
| 14.4  | 15.7 | 15.8 | 15.2 | 15.4 |    |    | Min. Temp. (0C)       | 18   | 17 | 16 | 15 | 15 |
| 2   | 1    | 1    | 2    | 2    |    |    | Cloud Cover           | 5  | 5  | 3  | 2  | 3  |
| 81  | 81   | 80   | 90   | 91   |    |    | Max. RH (%)           | 76   | 71 | 66 | 67 | 65 |
| 42  | 40   | 37   | 41   |      |    |    | Min. RH (%)           | 46   | 45 | 41 | 38 | 41 |
| 1.7   | 2.1  | 2.1  | 5.2  | 1.6  |    |    | Wind Speed(km/hr)     | 9  | 13 | 10 | 12 | 11 |

#### Agromet Advisory Based on Weather Forecast Prediction

| Crop                    | Stage                         | Advisory   |
|-------------------------|-------------------------------|--|
| <b>Weather Summary</b>  |                               | According to the weather forecast from the Regional Meteorological Center, Mumbai, sky will remain partly cloudy during next five days. Also, there is a possibility of light rain at isolated places during next two days. After that, the minimum temperature is likely to drop.   |
| <b>General Advisory</b> |                               | Use Meghdoot mobile app for weather based crop advisory and prediction.  |
| <b>SMS Advisory</b>     |                               | Spraying should be done only after forecasting rain or during clear sky.   |
| <b>Pigeon-pea</b>       | <b>Pod Filling</b>            | Due to cloudy weather and rain for the past few days, there is a possibility of pod borer infestation in the pigeon-pea crop. Spray the crop with flubendiamide @ 2.5 ml/ 10 liters of water or emamectin benzoate @ 4 g/ 10 liters of water for the control of pod borer.   |
| <b>Chickpea</b>         | <b>Emergence to seedlings</b> | As the crop is likely to be infected with collar rot or wet root rot due to the rains of the past few days, drenching with one of the biological fungicides viz. Trichoderma or Biomix.<br>Bird perches should be installed in the field as well as pheromone trap for integrated control of pod borer. Neem extract should be sprayed if the pod borer infestation is high. |
| <b>Wheat</b>            | <b>Emergence to seedlings</b> | 21 days after sowing, weeding should be done by giving second dose of nitrogen.  |
| <b>Safflower</b>        | <b>Seedling</b>               | Hand collection and destruction of the larvae from safflower seedling heads. To manage the weed flora, the intercultivation/ hoeing is to be carried out at 25 to 30 DAS.  |
| <b>Rabi Sorghum</b>     | <b>Vegetative</b>             | Second weeding should be done as needed. Hoeing should be done after 8 weeks of sowing and give second protected water if required.  |
| <b>Onion</b>            | <b>Nursery</b>                | Nursery should be prepared for rabi/summer onion cultivation. Seed should be treated and sown on flat bed.   |
| <b>Castor</b>           |                               | For control of hairy caterpillar and spodoptera, spray <i>Bacillus thuringiensis</i> 0.5 WP @ 20 g per 10 liters of water. In heavy incidence, spray Dimethoate 30 EC @ 20 ml or Malathion 50 EC @ 20 ml 10 liters of water.   |
| <b>Tomato</b>           |                               | At initial incidence of Pinworm, install 16 yellow sticky traps per acre. In heavy incidence, spray with Chlorantraniliprole 18.5 SC @ 3 ml or Flubendiamide 480 SC @ 3 ml in 10 liters of water.  |
| <b>Chili</b>            |                               | For management of leaf curl virus, remove infected plant part and spray Acetamiprid 20 SP@ 3g per 15 liters of water for control of whitefly vector.   |



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|                |  |
|----------------|--|
| <b>Brinjal</b> | Regularly monitor for shoot and fruit borer by using 5 pheromone traps per acre. Infested shoots and fruits should be collected and buried into the soil. In heavy incidence, spray with Chlorpyrifos 20 EC @ 20 ml or Emamectin benzoate 5 SG @ 4 g or Thiodicarb 50 WP @ 15 g in 10 liters of water. |
|----------------|--|

**Source:**

- 1) Weather Forecast : RMC, Mumbai  
2) Last week weather summary : College of Agriculture, Dhule.

**Place : MPKV, Rahuri**

**Date : 01.12.2023**

**Sd/-**

**Nodal Officer, GKMS, AMFU Rahuri &  
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